



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/828,531A  
Source: IFM  
Date Processed by STIC: 12-15-04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

# Raw Sequence Listing Error Summary

## ERROR DETECTED

## SUGGESTED CORRECTION

SERIAL NUMBER: 10/828/531A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics  
Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino  
Numbering The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) \_\_\_\_\_ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing
- 6 PatentIn 2.0  
"bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) \_\_\_\_\_. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences  
(OLD RULES) Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO X (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS (Do not insert any subheadings under this heading)  
(xi) SEQUENCE DESCRIPTION SEQ ID NO X (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped  
  
Please also adjust the "(ii) NUMBER OF SEQUENCES" response to include the skipped sequences.
- 8 Skipped Sequences  
(NEW RULES) Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for each skipped sequence:  
<210> sequence id number  
<400> sequence id number  
000
- 9 Use of n's or Xaa's  
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents
- 10 Invalid <213>  
Response Per 1.823 of Sequence Rules, the only valid <213> responses are Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) \_\_\_\_\_ missing the <220> "Feature" and associated numeric identifiers and responses.  
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 09/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0  
"bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWO

## RAW SEQUENCE LISTING

DATE: 12/15/2004

PATENT APPLICATION: US/10/828,531A

TIME: 15:23:11

Input Set : A:\MSC-21947-1-CU.ST25.txt

Output Set: N:\CRF4\12152004\J828531A.raw

3 <110> APPLICANT: Atassi, M. Z.  
 4       Morrison, D. R.  
 6 <120> TITLE OF INVENTION: Molecular-specific Urokinase Antibodies  
 8 <130> FILE REFERENCE: MSC-21947-1-CU  
 10 <140> CURRENT APPLICATION NUMBER: 10/828,531A  
 11 <141> CURRENT FILING DATE: 2004-04-14  
 13 <160> NUMBER OF SEQ ID NOS: 17  
 15 <170> SOFTWARE: PatentIn version 3.3  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 15  
 19 <212> TYPE: PRT  
 20 <213> ORGANISM: Artificial  
 22 <220> FEATURE:  
 23 <223> OTHER INFORMATION: Peptide  
 25 <400> SEQUENCE: 1  
 27 Arg Gly Lys Ala Ser Thr Asp Thr Met Gly Arg Pro Cys Leu Pro  
 28 1                   5                   10                   15  
 31 <210> SEQ ID NO: 2  
 32 <211> LENGTH: 15  
 33 <212> TYPE: PRT  
 34 <213> ORGANISM: Artificial  
 36 <220> FEATURE:  
 37 <223> OTHER INFORMATION: Peptide  
 39 <400> SEQUENCE: 2  
 41 Arg Gly Lys Ala Ser Thr Asp Thr Met Gly Arg Pro Cys Leu Pro  
 42 1                   5                   10                   15  
 45 <210> SEQ ID NO: 3  
 46 <211> LENGTH: 10  
 47 <212> TYPE: PRT  
 48 <213> ORGANISM: Artificial  
 50 <220> FEATURE:  
 51 <223> OTHER INFORMATION: Peptide  
 53 <400> SEQUENCE: 3  
 55 Cys Arg Asn Pro Asp Asn Arg Arg Arg Pro  
 56 1                   5                   10  
 59 <210> SEQ ID NO: 4  
 60 <211> LENGTH: 11  
 61 <212> TYPE: PRT  
 62 <213> ORGANISM: Artificial  
 64 <220> FEATURE:  
 65 <223> OTHER INFORMATION: Peptide  
 67 <400> SEQUENCE: 4  
 69 Arg Asn Pro Asp Asn Arg Arg Arg Pro Trp Cys

of genetic material,  
 PLS EXPLAIN source  
 INVALID response

Corrected file name

(PS-1-S)

of genetic material,  
 PLS EXPLAIN source  
 INVALID response

See item  
 #11 on  
 error  
 summary  
 sheet.

Same  
 error

Same  
 error

## RAW SEQUENCE LISTING

DATE: 12/15/2004

PATENT APPLICATION: US/10/828,531A

TIME: 15:23:11

Input Set : A:\MSC-21947-1-CU.ST25.txt

Output Set: N:\CRF4\12152004\J828531A.raw

70 1 5 10  
73 <210> SEQ ID NO: 5  
74 <211> LENGTH: 10  
75 <212> TYPE: PRT  
76 <213> ORGANISM: Artificial  
78 <220> FEATURE:  
79 <223> OTHER INFORMATION: Peptide  
81 <400> SEQUENCE: 5  
83 Cys Met Val His Asp Gly Ala Asp Gly Lys  
84 1 5 10  
87 <210> SEQ ID NO: 6  
88 <211> LENGTH: 9  
89 <212> TYPE: PRT  
90 <213> ORGANISM: Artificial  
92 <220> FEATURE:  
93 <223> OTHER INFORMATION: Peptide  
95 <400> SEQUENCE: 6  
97 Met Val His Asp Cys Ala Asp Gly Lys  
98 1 5  
101 <210> SEQ ID NO: 7  
102 <211> LENGTH: 13  
103 <212> TYPE: PRT  
104 <213> ORGANISM: Artificial  
106 <220> FEATURE:  
107 <223> OTHER INFORMATION: Peptide  
109 <400> SEQUENCE: 7  
111 Tyr Arg Arg His Arg Gly Gly Ser Val Thr Tyr Val Cys  
112 1 5 10  
115 <210> SEQ ID NO: 8  
116 <211> LENGTH: 11  
117 <212> TYPE: PRT  
118 <213> ORGANISM: Artificial  
120 <220> FEATURE:  
121 <223> OTHER INFORMATION: Peptide  
123 <400> SEQUENCE: 8  
125 Cys Phe Ile Asp Tyr Pro Lys Lys Glu Asp Tyr  
126 1 5 10  
129 <210> SEQ ID NO: 9  
130 <211> LENGTH: 12  
131 <212> TYPE: PRT  
132 <213> ORGANISM: Peptide  
134 <400> SEQUENCE: 9  
136 Ser Arg Leu Asn Ser Asn Thr Gln Gly Glu Met Lys  
137 1 5 10  
140 <210> SEQ ID NO: 10  
141 <211> LENGTH: 12  
142 <212> TYPE: PRT  
143 <213> ORGANISM: Artificial  
145 <220> FEATURE:

Same error

Same error

Same error

Same error

Invalid response, see item  
#10 onerror summary  
sheet.Pls explain source of  
Genetic material

## RAW SEQUENCE LISTING

DATE: 12/15/2004

PATENT APPLICATION: US/10/828,531A

TIME: 15:23:11

Input Set : A:\MSC-21947-1-CU.ST25.txt

Output Set: N:\CRF4\12152004\J828531A.raw

146 <223> OTHER INFORMATION: Peptide  
 148 <400> SEQUENCE: 10  
 150 Ser Met Tyr Asn Asp Pro Gln Phe Gly Thr Ser Cys  
 151 1 5 10  
 154 <210> SEQ ID NO: 11  
 155 <211> LENGTH: 24  
 156 <212> TYPE: PRT  
 157 <213> ORGANISM: Artificial  
 159 <220> FEATURE:  
 160 <223> OTHER INFORMATION: Peptide  
 162 <400> SEQUENCE: 11  
 164 Leu Ile Ser His Arg Glu Cys Gln Gln Pro His Tyr Tyr Gly Ser Glu  
 165 1 5 10 15  
 168 Val Thr Thr Thr Lys Met Leu Cys  
 169 20  
 172 <210> SEQ ID NO: 12  
 173 <211> LENGTH: 11  
 174 <212> TYPE: PRT  
 175 <213> ORGANISM: Artificial  
 177 <220> FEATURE:  
 178 <223> OTHER INFORMATION: Peptide  
 180 <400> SEQUENCE: 12  
 182 Ser His Thr Lys Glu Glu Asn Gly Leu Ala Leu  
 183 1 5 10  
 186 <210> SEQ ID NO: 13  
 187 <211> LENGTH: 7  
 188 <212> TYPE: PRT  
 189 <213> ORGANISM: Artificial  
 191 <220> FEATURE:  
 192 <223> OTHER INFORMATION: Peptide  
 194 <400> SEQUENCE: 13  
 196 Pro Arg Phe Lys Ile Ile Gly  
 197 1 5 10  
 200 <210> SEQ ID NO: 14  
 201 <211> LENGTH: 10  
 202 <212> TYPE: PRT  
 203 <213> ORGANISM: Artificial  
 205 <220> FEATURE:  
 206 <223> OTHER INFORMATION: Peptide  
 208 <400> SEQUENCE: 14  
 210 Arg Pro Arg Phe Lys Ile Ile Gly Gly Glu  
 211 1 5 10  
 214 <210> SEQ ID NO: 15  
 215 <211> LENGTH: 10  
 216 <212> TYPE: PRT  
 217 <213> ORGANISM: Artificial  
 219 <220> FEATURE:  
 220 <223> OTHER INFORMATION: Peptide  
 222 <400> SEQUENCE: 15

Invalid response, see item # 11 on error summary sheet.

Same error

Same error

Same error

Same error

Same error

## RAW SEQUENCE LISTING

DATE: 12/15/2004

PATENT APPLICATION: US/10/828,531A

TIME: 15:23:11

Input Set : A:\MSC-21947-1-CU.ST25.txt

Output Set: N:\CRF4\12152004\J828531A.raw

224 Leu Arg Pro Arg Phe Lys Ile Ile Gly Gly  
 225 1 5 10  
 228 <210> SEQ ID NO: 16  
 229 <211> LENGTH: 411  
 230 <212> TYPE: PRT  
 231 <213> ORGANISM: Artificial  
 233 <220> FEATURE:  
 234 <223> OTHER INFORMATION: Peptide *Same error*  
 236 <400> SEQUENCE: 16  
 238 Ser Asn Glu Leu His Gln Val Pro Ser Asn Cys Asp Cys Leu Asn Gly  
 239 1 5 10 15  
 242 Gly Thr Cys Val Ser Asn Lys Tyr Phe Ser Asn Ile His Trp Cys Asn  
 243 20 25 30  
 246 Cys Pro Lys Lys Phe Gly Gly Gln His Cys Glu Ile Asp Lys Ser Lys  
 247 35 40 45  
 250 Thr Cys Tyr Glu Gly Asn Gly His Phe Tyr Arg Gly Lys Ala Ser Thr  
 251 50 55 60  
 254 Asp Thr Met Gly Arg Pro Cys Leu Pro Trp Asn Ser Ala Thr Val Leu  
 255 65 70 75 80  
 258 Gln Gln Thr Tyr His Ala His Arg Ser Asp Ala Leu Gln Leu Gly Leu  
 259 85 90 95  
 262 Gly Lys His Asn Tyr Cys Arg Asn Pro Asp Asn Arg Arg Arg Pro Trp  
 263 100 105 110  
 266 Cys Tyr Val Gln Val Gly Leu Lys Pro Leu Val Gln Glu Cys Met Val  
 267 115 120 125  
 270 His Asp Cys Ala Asp Gly Lys Lys Pro Ser Ser Pro Pro Glu Glu Leu  
 271 130 135 140  
 274 Lys Phe Gln Cys Gly Gln Lys Thr Leu Arg Pro Arg Phe Lys Ile Ile  
 275 145 150 155 160  
 278 Gly Gly Glu Phe Thr Thr Ile Glu Asn Gln Pro Trp Phe Ala Ala Ile  
 279 165 170 175  
 282 Tyr Arg Arg His Arg Gly Gly Ser Val Thr Tyr Val Cys Gly Gly Ser  
 283 180 185 190  
 286 Leu Ile Ser Pro Cys Trp Val Ile Ser Ala Thr His Cys Phe Ile Asp  
 287 195 200 205  
 290 Tyr Pro Lys Lys Glu Asp Tyr Ile Val Tyr Leu Gly Arg Ser Arg Leu  
 291 210 215 220  
 294 Asn Ser Asn Thr Gln Gly Glu Met Lys Phe Glu Val Glu Asn Leu Ile  
 295 225 230 235 240  
 298 Leu His Lys Asp Tyr Ser Ala Asp Thr Leu Ala His His Asn Asp Ile  
 299 245 250 255  
 302 Ala Leu Leu Lys Ile Arg Ser Lys Glu Gly Arg Cys Ala Gln Pro Ser  
 303 260 265 270  
 306 Arg Thr Ile Gln Thr Ile Cys Leu Pro Ser Met Tyr Asn Asp Pro Gln  
 307 275 280 285  
 310 Phe Gly Thr Ser Cys Glu Ile Thr Gly Phe Gly Lys Glu Asn Ser Thr  
 311 290 295 300  
 314 Asp Tyr Leu Tyr Pro Glu Gln Leu Lys Met Thr Val Val Lys Leu Ile  
 315 305 310 315 320

## RAW SEQUENCE LISTING

DATE: 12/15/2004

PATENT APPLICATION: US/10/828,531A

TIME: 15:23:11

Input Set : A:\MSC-21947-1-CU.ST25.txt

Output Set: N:\CRF4\12152004\J828531A.raw

318 Ser His Arg Glu Cys Gln Gln Pro His Tyr Tyr Gly Ser Glu Val Thr  
319 325 330 335  
322 Thr Lys Met Leu Cys Ala Ala Asp Pro Gln Trp Lys Thr Asp Ser Cys  
323 340 345 350  
326 Gln Gly Asp Ser Gly Gly Pro Leu Val Cys Ser Leu Gln Gly Arg Met  
327 355 360 365  
330 Thr Leu Thr Gly Ile Val Ser Trp Gly Arg Gly Cys Ala Leu Lys Asp  
331 370 375 380  
334 Lys Pro Gly Val Tyr Thr Arg Val Ser His Phe Leu Pro Trp Ile Arg  
335 385 390 395 400  
338 Ser His Thr Lys Glu Glu Asn Gly Leu Ala Leu  
339 405 410  
342 <210> SEQ ID NO: 17  
343 <211> LENGTH: 9  
344 <212> TYPE: PRT  
345 <213> ORGANISM: Artificial  
347 <220> FEATURE:  
348 <223> OTHER INFORMATION: Peptide *Same error*  
350 <400> SEQUENCE: 17  
352 Ala Asp Asp Gly Lys Lys Pro Ser Ser  
353 1 5

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 12/15/2004  
PATENT APPLICATION: US/10/828,531A      TIME: 15:23:12

Input Set : A:\MSC-21947-1-CU.ST25.txt  
Output Set: N:\CRF4\12152004\J828531A.raw

Valid <213> Response:

of "Artificial" only as "<213> Organism" response is incomplete,  
1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

#:1,2,3,4,5,6,7,8,10,11,12,13,14,15,16,17



VERIFICATION SUMMARY

DATE: 12/15/2004

PATENT APPLICATION: US/10/828,531A

TIME: 15:23:12

Input Set : A:\MSC-21947-1-CU.ST25.txt

Output Set: N:\CRF4\12152004\J828531A.raw